36V LITHIUM TRIMMER / EDGER INSTRUCTION MANUAL

Model Number LST136

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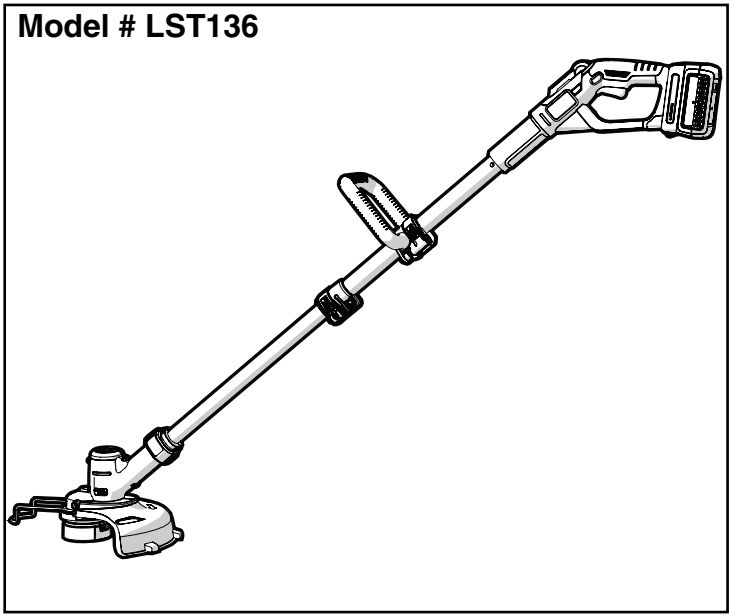
VEA EL ESPAÑOL EN LA CONTRAPORTADA.
POUR LE FRANÇAIS, VOIR LA COUVERTURE ARRIÈRE.

INSTRUCTIVO DE OPERACIÓN, CENTROS DE SERVICIO Y PÓLIZA DE GARANTÍA. ADVERTENCIA: LÉASE ESTE INSTRUCTIVO ANTES DE USAR EL PRODUCTO.

Model # LST136



KEY INFORMATION YOU SHOULD KNOW:

- The guard must be installed before trimming or edging - if not, the motor will overheat (page 8).
- When replacing the line, use only .065 inch diameter ROUND line (B&D Model #AF-100 is recommended) - otherwise the tool will not function properly (page 11).
- Do not bump the feed head against the ground - it will disrupt the feed mechanism.

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SAFETY GUIDELINES - DEFINITIONS

It is important for you to read and understand this manual. The information it contains relates to protecting YOUR SAFETY and PREVENTING PROBLEMS. The symbols below are used to help you recognize this information.

⚠**DANGER:** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠**WARNING:** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠**CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

NOTICE: Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

IMPORTANT SAFETY WARNINGS AND INSTRUCTIONS

⚠**WARNING:** When using electric gardening appliances, basic safety precautions should always be followed to reduce risk of fire, electric shock, and personal injury, including the following.

Read All Instructions

• **ALWAYS WEAR EYE PROTECTION** – Wear safety spectacles or goggles at all times when this tool is plugged in.
• **GUARD** – Do not use this tool without guard attached.
• **DRESS PROPERLY** – Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and substantial rubber soled footwear are recommended when working outdoors. Don't operate the tool when barefoot or wearing open sandals. Wear **heavy long pants** to protect your legs. Wear protective hair covering to contain long hair.
• **NYLON LINE** – Keep face, hands and feet clear of rotating nylon line at all times.
• **THE ROTATING LINE PERFORMS A CUTTING FUNCTION** – Use care when trimming around screens and desirable plantings.
• **KEEP ALL BYSTANDERS AWAY** – at a safe distance from work area, especially children.
• **IMPORTANT WARNING** – When being used as an Edger, stones, pieces of metal and other objects can be thrown out at high speed by the line. The tool and guard are designed to reduce the danger. However, the following special precautions should be taken:
• **MAKE SURE** that other persons and pets are at least 100 feet (30m) away.
• **TO REDUCE THE RISK** of rebound (ricochet) injury, work going away from any nearby solid object such as wall, steps, large stone, tree, etc. Use great care when working close to solid objects and where necessary, do edging or trimming by hand.
• **AVOID ACCIDENTALLY STARTING** – Don't carry plugged-in tool with finger on trigger.
• **DO NOT FORCE THE TOOL** – at a rate faster than the rate at

which it is able to cut effectively.
• **USE THE RIGHT TOOL** – Do not use this tool for any job except that for which it is intended.
• **DON'T OVERREACH** – Keep proper footing and balance at all times.
• **DAMAGE TO UNIT** – If you strike or become entangled with a foreign object, stop tool immediately, unplug, check for damage and have any damage repaired before further operation is attempted. Do not operate with a broken hub or spool.
• **DISCONNECT TOOL** – when not in use, when replacing line, or prior to cleaning.
• **AVOID DANGEROUS ENVIRONMENTAL CONDITIONS** – Do not use electric tools in damp or wet locations. Follow all instructions in this Instruction Manual for proper operation of your tool. Don't use the tool in the rain.
• **DO NOT OPERATE** portable electric tools in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks might ignite fumes.
• **STORE IDLE TOOLS INDOORS** – When not in use, tools should be stored indoors in a dry, locked-up place out of reach of children.
• **STAY ALERT** – Do not operate this unit when you are tired, ill, or under the influence of alcohol, drugs, or medication.
• **MAINTAIN APPLIANCES WITH CARE** – Follow instructions in maintenance section. Keep handles dry, clean and free from oil and grease.
• **CHECK DAMAGED PARTS** – Before further use of the appliance, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this manual.
• DO NOT immerse tool in water or squirt it with a hose. DO NOT allow any liquid to get inside it.
• DO NOT store the tool on or adjacent to fertilizers or chemicals.
• DO NOT clean with a pressure washer.
• Keep guards in place and in working order.
• Keep hands and feet away from cutting area.

⚠**WARNING:** Do not use tool if the switch trigger does not turn the tool on or off. Any tool that can not be controlled with the switch trigger is dangerous and must be repaired.

SAVE THESE INSTRUCTIONS

The label on your tool may include the following symbols. The symbols and their definitions are as follows:

V .....volts	A .....amperes
Hz .....hertz	W.....watts
min.....minutes	∿ .....alternating current
⎓ .....direct current	n_o .....no load speed
⧈ .....Class II Construction	⏚ .....earthing terminal
⚠ .....safety alert symbol	.../min .....revolutions or reciprocations per minute

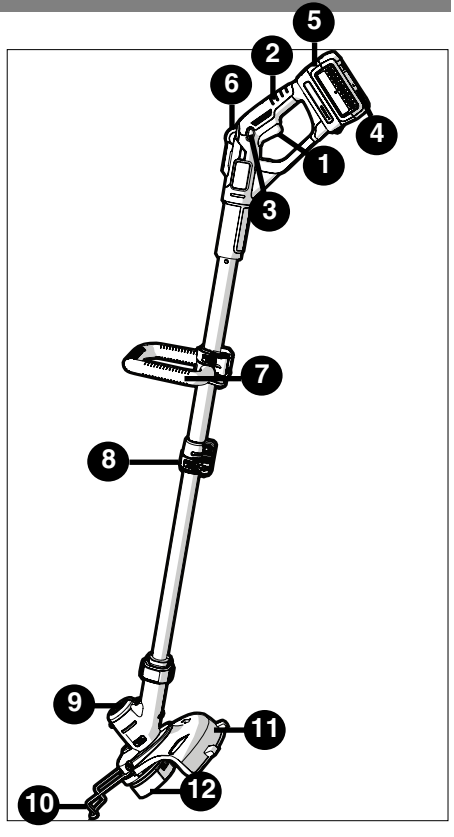
⚠**WARNING: Some dust created by this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:**

- compounds in fertilizers
- compounds in insecticides, herbicides and pesticides
- arsenic and chromium from chemically treated lumber

To reduce your exposure to these chemicals, wear approved safety equipment such as dust masks that are specially designed to filter out microscopic particles.

COMPONENTS

1. On/Off Switch
2. Handle
3. Lock Off Button
4. Battery
5. Charge Indicator
6. Power Command
7. Auxillary Handle
8. Height Adjust Locking Clamp
9. Trimmer Head
10. Edge Guide
11. Guard
12. Spool Housing



IMPORTANT SAFETY INSTRUCTIONS FOR BATTERY CHARGERS

SAVE THESE INSTRUCTIONS: This manual contains important safety instructions for battery chargers.

- Before using charger, read all instructions and cautionary markings on charger, battery pack, and product using battery pack.

⚠**WARNING: Shock hazard.** Do not allow any liquid to get inside charger.

⚠**CAUTION: Burn hazard.** To reduce the risk of injury, charge only designated ***Black & Decker*** batteries. Other types of batteries may burst causing personal injury and damage.

⚠**CAUTION:** Under certain conditions, with the charger plugged in to the power supply, the charger can be shorted by foreign material. Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminum foil, or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug charger before attempting to clean.

⚠**WARNING:**

- **DO NOT attempt to charge the battery pack with any chargers other than the ones in this manual.** *The charger and battery pack are specifically designed to work together.*
- **These chargers are not intended for any uses other than charging designated *Black & Decker* rechargeable batteries.** *Any other uses may result in risk of fire, electric shock or electrocution.*
- **Do not expose charger to rain or snow.**
- **Pull by plug rather than cord when disconnecting charger.** *This will reduce risk of damage to electric plug and cord.*
- **Make sure that cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.**
- **Do not use an extension cord unless it is absolutely**

necessary. *Use of improper extension cord could result in risk of fire, electric shock, or electrocution.*

- **An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety.** *The smaller the gauge number of the wire, the greater the capacity of the cable, that is 16 gauge has more capacity than 18 gauge. When using more than one extension to make up the total length, be sure each individual extension contains at least the minimum wire size.*

Recommended Minimum Wire Size for Extension Cords

	Minimum Gauge for Cord Sets				
Volts	**Total Length of Cord in Feet**				
120V	0-25	26-50	51-100	101-150	
240V	0-50	51-100	101-200	201-300	
Ampere Rating					
More Than	Not more Than	American Wire Gauge			
0 -	6	18	16	16	14
6 -	10	18	16	14	12
10 -	12	16	16	14	12
12 -	16	14	12	Not Recommended	

- **Do not place any object on top of charger or place the charger on a soft surface that might block the ventilation slots and result in excessive internal heat. Place the charger in a position away from any heat source.** *The charger is ventilated through slots in the top and the bottom of the housing.*
- **Do not mount charger on wall or permanently affix charger to any surface.** *The charger is intended to use on a flat, stable surface (i.e., table top, bench top).*
- **Do not operate charger with damaged cord or plug —** *have them replaced immediately.*
- **Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way.** *Take it to an authorized service center.*
- **Do not disassemble charger;** *take it to an authorized service center when service or repair is required. Incorrect reassembly may result in a risk of electric shock, electrocution or fire.*
- **Disconnect the charger from the outlet before attempting any cleaning.** *This will reduce the risk of electric shock. Removing the battery pack will not reduce this risk.*
- **NEVER attempt to connect 2 chargers together.**
- **The charger is designed to operate on standard household electrical power (120 Volts). Do not attempt to use it on any other voltage.**

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS FOR BATTERY PACKS

⚠**WARNING:** *For safe operation, read this manual and manuals originally supplied with tool before using the charger.*

The battery pack is not fully charged out of the carton. Before using the battery pack and charger, read the safety instructions below. Then follow charging procedures outlined.

READ ALL INSTRUCTIONS

- **Do not incinerate the battery pack even if it is severely damaged or is completely worn out.** *The battery pack can explode in a fire. Toxic fumes and materials are created when battery packs are burned.*
- **Do not charge or use battery in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Inserting or removing the battery from the charger may ignite the dust or fumes.*
- **If battery contents come into contact with the skin, immediately wash area with mild soap and water.** *If battery liquid gets into the eye, rinse water over the open eye for 15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte for Li-ion batteries is composed of a mixture of liquid organic carbonates and lithium salts.*

- **Contents of opened battery cells may cause respiratory irritation.** *Provide fresh air. If symptoms persist, seek medical attention.*

⚠**WARNING:** ***Burn hazard.*** *Battery liquid may be flammable if exposed to spark or flame.*

- *Charge the battery packs only in* **Black & Decker** *chargers.*
- **DO NOT splash or immerse in water or other liquids.** *This may cause premature cell failure.*
- **Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 105°F (40˚C) (such as outside sheds or metal buildings in summer).**

⚠**WARNING:** *Never attempt to open the battery pack for any reason. If battery pack case is cracked or damaged, do not insert into charger. Do not crush, drop or damage battery pack. Do not use a battery pack or charger that has received a sharp blow, been dropped, run over or damaged in any way (i.e., pierced with a nail, hit with a hammer, stepped on). Damaged battery packs should be returned to service center for recycling.*

⚠**WARNING: Fire hazard. Do not store or carry battery so that metal objects can contact exposed battery terminals.** *For example, do not place battery in aprons, pockets, tool boxes, product kit boxes, drawers, etc., with loose nails, screws, keys, etc.* **Transporting batteries can possibly cause fires if the battery terminals inadvertently come in contact with conductive materials such as keys, coins, hand tools and the like.** *The US Department of Transportation Hazardous Material Regulations (HMR) actually prohibit transporting batteries in commerce or on airplanes (i.e., packed in suitcases and carry-on luggage) UNLESS they are properly protected from short circuits. So when transporting individual batteries, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.* ***NOTE: Batteries should not be put in checked baggage.***

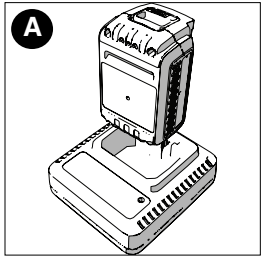
STORAGE RECOMMENDATIONS

1. The best storage place is one that is cool and dry away from direct sunlight and excess heat or cold.
2. Long storage will not harm the battery pack or charger.

CHARGING PROCEDURE

The standard charger provided will charge a fully depleted battery in about 2 hours.

1. Plug the charger into an appropriate outlet before inserting the battery pack.
2. Insert the battery pack into the charger as shown in **figure A**.



3. The green LED will flash indicating that the battery is being charged.

4. The completion of charge is indicated by the green LED remaining on continuously. The pack is fully charged and may be used at this time or left on the charger.

Recharge discharged batteries as soon as possible after use or battery life may be greatly diminished.

CHARGER DIAGNOSTICS

This charger is designed to detect certain problems that can arise with the battery packs or the power source. Problems are indicated by one LED flashing in different patterns.

BAD BATTERY

The charger can detect a weak or damaged battery. The red LED flashes in the pattern indicated on the label. If you see this bad battery blink pattern, do not continue to charge the battery. Return it to a service center or a collection site for recycling.

HOT/COLD PACK DELAY

When the charger detects a battery that is excessively hot or excessively cold, it automatically starts a Hot/Cold Pack Delay, suspending charging until the battery has normalized. After this happens, the charger automatically switches to the Pack Charging mode. This feature ensures maximum battery life. The red LED flashes in the pattern indicated on the label when the hot / cold pack delay is detected.

LEAVING THE BATTERY IN THE CHARGER

The charger and battery pack can be left connected with the green LED glowing indefinitely. The charger will keep the battery pack fresh and fully charged.

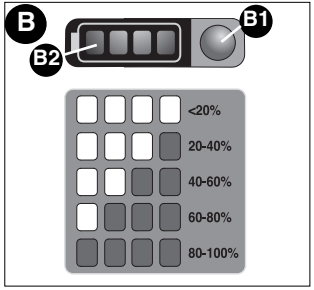
IMPORTANT CHARGING NOTES

1. Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 60°F and 80°F (16°- 27°C). DO NOT charge the battery pack in an air temperature below +40°F (+4.5°C), or above +105°F (+40.5°C). This is important and will prevent serious damage to the battery pack.
2. The charger and battery pack may become warm to touch while charging. This is a normal condition, and does not indicate a problem. To facilitate the cooling of the battery pack after use, avoid placing the charger or battery pack in a warm environment such as in a metal shed, or an uninsulated trailer.
3. If the battery pack does not charge properly:
   a. Check current at receptacle by plugging in a lamp or other appliance
   b. Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights.
   c. Move charger and battery pack to a location where the surrounding air temperature is approximately 60°F - 80°F (16° - 27°C).
   d. If charging problems persist, take the tool, battery pack and charger to your local service center.
4. The battery pack should be recharged when it fails to produce sufficient power on jobs which were easily done previously. DO NOT CONTINUE to use under these conditions. Follow the charging procedure. You may also charge a partially used pack whenever you desire with no adverse affect on the battery pack.
5. Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminum foil, or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug charger before attempting to clean.
6. Do not freeze or immerse charger in water or any other liquid.

⚠**WARNING: Shock hazard**. Do not allow any liquid to get inside charger. *Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks or cracks, return to a service center for recycling.*

STATE OF CHARGE INDICATOR (FIGURE B)

The battery is equipped with a state of charge indicator. This can be used to display the current level of charge in the battery during use and during charging. It does not indicate tool functionality and is subject to variation based on product components, temperature and end-user application.



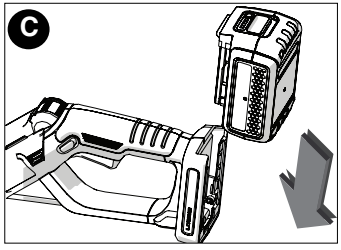
Checking state of charge during use:

- Press the state of charge indicator button (**B1**).
- The four LED's (**B2**) will illuminate indicating the percent of charge in the battery. See chart in figure B.
- If LED light does not illuminate,charge battery.

INSTALLING AND REMOVING THE BATTERY PACK

⚠**WARNING:** *Make certain the lock-off button is engaged to prevent switch actuation before removing or installing battery.*

TO INSTALL BATTERY PACK:
Insert battery pack into tool until fully seated and an audible click is heard (**figure C**). Make sure battery pack is fully seated and fully latched into position.



TO REMOVE BATTERY PACK:
Depress the battery release button in the back of the battery pack and pull battery pack out of tool.

ASSEMBLY & ADJUSTMENT

⚠**WARNING:** Before assembly, make sure that the tool is switched off and the battery has been removed.

ASSEMBLY TOOLS REQUIRED (NOT SUPPLIED):

- Phillips Screwdriver

⚠**WARNING:** Remove the battery before attempting to attach any of the following components.

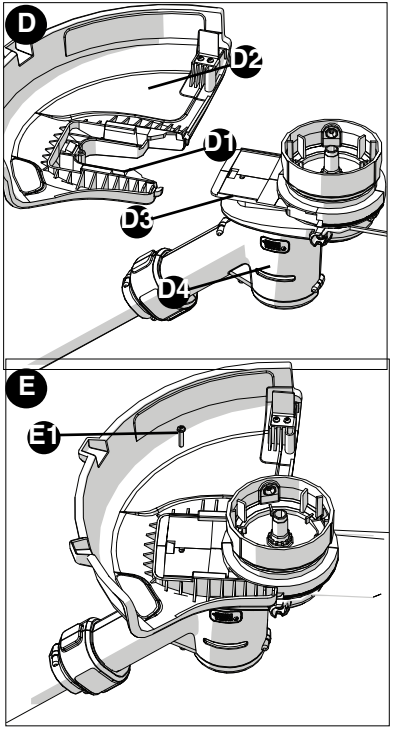
ATTACHING THE GUARD (FIGURES D AND E)

⚠**WARNING:** NEVER OPERATE TOOL WITHOUT GUARD FIRMLY IN PLACE. The guard must always be properly attached on the tool to protect the user.

• Remove the screw from the guard.

• Keeping the guard square to the trimmer head slide it into place until the retaining tab clicks into place (Ensure that the guide rails (**D1**) on the guard (**D2**) are correctly aligned with the guide rails (**D3**) on the trimmer head (**D4**) (**figure D**).

• Secure the guard with the screw (**E1**) (**figure E**).

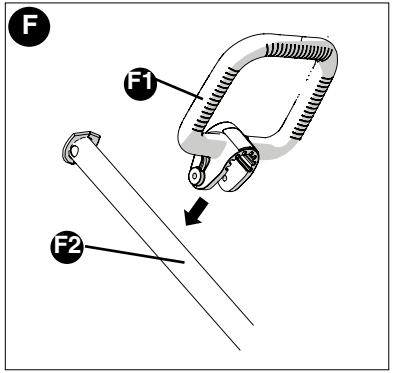


ATTACHING THE AUXILIARY HANDLE (FIGURES F AND G)

• Push the auxiliary handle (**F1**) onto the tube (**F2**).

• Slide the bolt (G1) through the holes in the auxiliary handle.

• Tighten the knob (G2) onto the bolt by turning it clockwise.



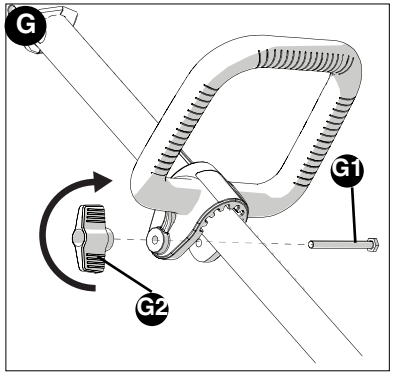
ADJUSTING THE POSITION OF THE AUXILIARY HANDLE (FIG. G)

The auxiliary handle can be adjusted to provide optimum balance and comfort.

• Loosen the knob on the bolt by turning it counter clockwise.

• Gently slide the auxiliary handle up or down the tube to the desired height.

• Tighten the knob onto the bolt by turning it clockwise.



ADJUSTING THE HEIGHT OF THE TOOL (FIGURE H)

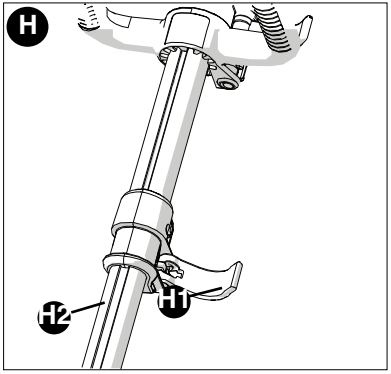
• This tool has a telescopic mechanism, allowing you to set it to a comfortable height.

To adjust the height setting:

• Release the height adjust locking clamp (**H1**).

• Gently pull the tube (**H2**) up or down to the desired height.

• Close the height adjust locking clamp (**H1**).



RELEASING THE CUTTING LINE

In transit, the cutting line is taped to the spool housing.

• Remove the tape holding the cutting line to the spool housing.

OPERATING INSTRUCTIONS

⚠**WARNING:** Always use proper eye protection that conforms to ANSI Z87.1 (CAN/CSA Z94.3) while operating this power tool.

⚠**CAUTION:** Inspect area to be trimmed and remove any wire, cord, or string-like objects which could become entangled in the rotating line or spool. Be particularly careful to avoid any wire which might be bent outwardly into the path of the tool, such as barbs at the base of a chain link fence.

SETTING THE TOOL TO TRIMMING OR EDGING MODE (FIGURE I, J AND K)

• The tool can be used in trimming mode as shown in **figure I** or in edging mode to trim overhanging grass along lawn edges and flower beds as shown in **figure K**.

TRIMMING MODE

For trimming, the trimmer head should be in the position shown in **figure I**. If it is not:

• Remove the battery from the tool.

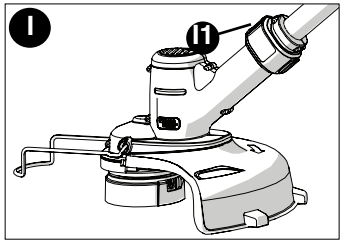
• Press and hold the head release button (**I1**).

• While holding the auxillary handle, rotate the head clockwise.

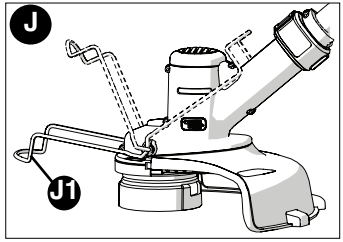
• Release the head release button.

• Lift the edge guide (**J1)** into the closed position.

Note: The head will only rotate in one direction.



⚠**CAUTION:** Wire edge guide should only be used when in the edging mode. Keep wire edge guide in the retracted position when in the trimming mode.



EDGING MODE (FIGURE K)

For edging, the trimmer head should be in the position shown in **figure K**. If it is not:

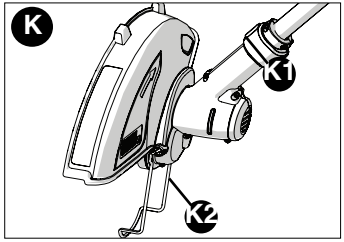
• Remove the battery from the tool.

• Press and hold the head release button (**K1**).

• While holding the auxillary handle, rotate the head counterclockwise.

• Release the head release button.

• Drop the edge guide (**K2**) in to



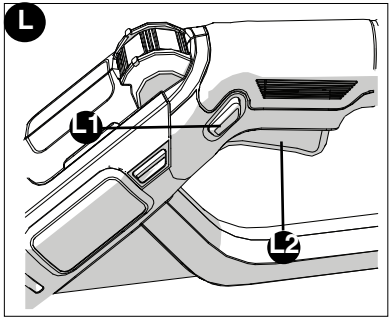
the open position. Ensure that the edging guide is all the way down, an audible click will be heard.
Note: The head will only rotate in one direction.
Note: The Auto Feed System may not operate correctly if edge guide is not used.

SWITCHING ON AND OFF

• To switch the tool on, press in and hold the lock off button (**L1**) then squeeze the trigger lever (**L2**). Once the tool is running you may release the lock off button (**L1**).

• To switch the tool off, release the trigger lever.

⚠**WARNING:** Never attempt to lock the trigger lever in the on position.



POWER COMMAND -

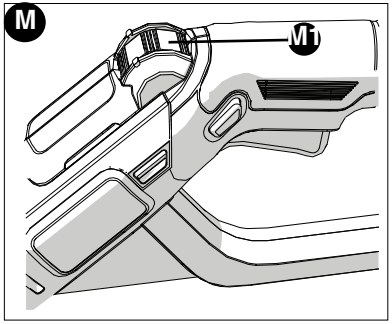
MAX POWER / MAX RUNTIME

The max power / max runtime feature (**M1**) is located on the tool handle. It allows you to optimize the tools performance and boost the power as needed.

• To choose max power to tackle thick weeds, rotate dial to setting 6.

• To choose max runtime to increase battery life rotate dial to setting 1.

• For a combination of both, rotate dial to setting from 2 to 5.

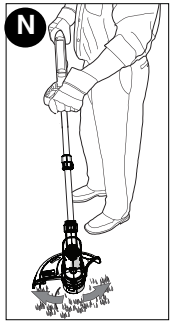


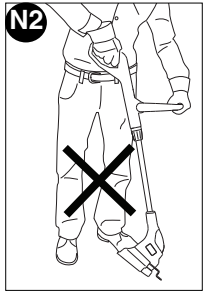
OPERATING THE TRIMMER

• With the unit on, angle unit and slowly swing the trimmer side to side as shown in **figure N**.

• Maintain a cutting angle of 5° to 10° as shown in **figure N1**. Do not exceed 10°**(figure N2)**. Cut with the tip of the line. To keep distance from hard surfaces use edge guide (10). Pull the guide out until it snaps securely into place

• Maintain a minimum distance of **24 inches (609.6 mm)** between the guard and your feet as shown in **figure N3**. To acheive this distance adjust the overall height of the trimmer as shown in **figure H**.





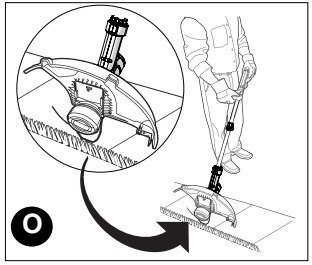
EDGING

Optimum cutting results are achieved on edges deeper than 2 inches (50 mm).

• Do not use the tool to create edges or trenches.

• Guide the tool as shown in **figure O**.

• To make a closer cut, slightly tilt the tool**.**



HELPFUL CUTTING TIPS

• **Use the tip of the string to do the cutting;** do not force string head into uncut grass. Use edge guide along such things as fences, houses and flower beds for best practices.
• Wire and picket fences cause extra string wear, even breakage. Stone and brick walls, curbs, and wood may wear string rapidly.
• Do not allow spool cap to drag on ground or other surfaces.
• In long growth cut from the top down and do not exceed 12 inches (304.8 mm) high.
• Keep trimmer tilted toward the area being cut; this is the best cutting area.
• The trimmer cuts when passing the unit from the right to left. This will avoid throwing debris at the operator.
• Avoid trees and shrubs. Tree bark, wood moldings, siding, and fence posts can easily be damaged by the string.

CUTTING LINE / LINE FEEDING

Your trimmer uses **.065 inch (1.65 mm) diameter, ROUND nylon line**. During use, the tips of the nylon lines will become frayed and worn and the special self feeding spool will automatically feed and trim a fresh length of line. **DO NOT BUMP** unit on ground in attempt to feed line or for any other purposes. Cutting line will wear faster and require more feeding if the cutting or edging is done along sidewalks or other abrasive surfaces or heavier weeds are being cut.

REPLACEMENT ACCESSORIES

⚠**CAUTION:** Before you begin trimming, only use the appropriate type of cutting line.

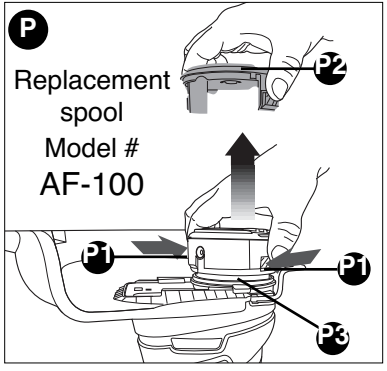
Use Black & Decker replacement spool Model No. AF-100.

• USE ONLY .065 inch (1.65 mm) DIAMETER ROUND NYLON MONOFILAMENT LINE. Do not use serrated or heavier gauge line, as they will overload the motor and cause overheating.
• Other replacement parts (guards, spool caps, etc.) are available through Black & Decker service centers. To find your local service location call: **1-800-544-6986 or visit www.blackanddecker.com.**

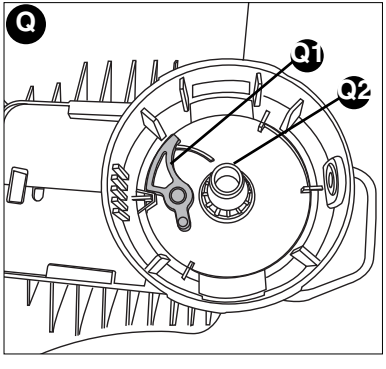
⚠**WARNING:** The use of any accessory not recommended by Black & Decker for use with this tool could be hazardous.

REPLACING THE SPOOL (FIGURES P, Q AND R)

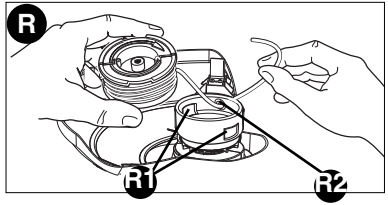
• Remove battery from tool.
• Depress the tabs (**P1**) and remove the spool cap (**P2**) from the spool housing (**P3**) in the trimmer head (**figure P**).



• Replace spool with Black & Decker model # AF-100.
• Grasp empty spool with one hand and spool housing with other hand and pull spool out.
• If lever (**Q1**) in base of housing becomes dislodged, replace in correct position before inserting new spool into housing.
• Remove any dirt and grass from the spool and housing.
• Unfasten the end of the cutting line and guide the line into the eyelet (**R2**) **figure R**.
• Take the new spool and push it onto the boss (**Q2**) in the housing. Rotate the spool slightly until it is seated. The line should protrude approximately 4-13/16 inches (122mm) from the housing.



• Align the tabs on the spool cap with the slots (**R1**) in the housing (**figure R**).
• Push the cap onto the housing until it snaps securely into place.



CAUTION: To avoid tool damage, if the cutting line protrudes beyond the trimming blade, cut it off so that it just reaches the blade.

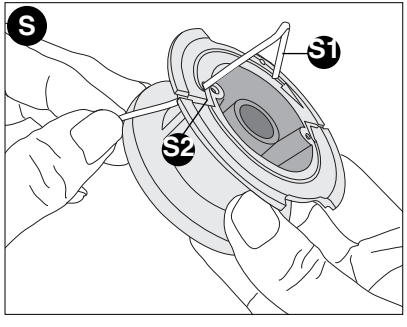
REWINDING SPOOL

(USE ONLY .065 IN. ROUND DIAMETER LINE) (FIGURES S, T & U)

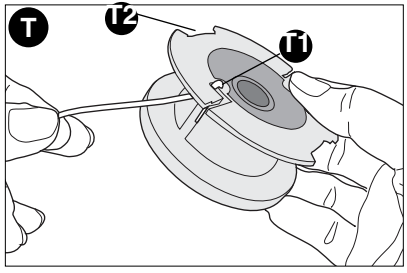
NOTE: Hand wound spools from bulk line are likely to become tangled more frequently than Black & Decker factory wound spools. For best results, factory wound spools are recommended.

To rewind spool, follow the steps below:

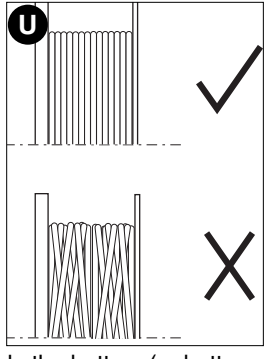
• Remove battery from tool.
• Remove the empty spool from the tool as described in "**REPLACING THE SPOOL**".
• Make a fold at the end of the cutting line at about 3/4 inch (19mm)(**S1**). Feed the cutting line into one of the line holding slots (**S2**) as shown in **figure S**.



• Insert the 3/4 inch (19mm) end of the bulk line into the hole (**T1**) in the spool adjacent to the slot as shown in **figure T.**



• Wind the cutting line onto the spool in the direction of the arrow on the spool. Make sure to wind the line on neatly and in layers. Do not crisscross (**figure U**).
• When the wound cutting line reaches the recesses (**T2**), cut the line. (**figure T**).
• Fit the spool onto the tool as described in "**REPLACING THE SPOOL**".



THE RBRC™ SEAL

The RBRC™ (Rechargeable Battery Recycling Corporation) Seal on the Li-Ion battery (or battery pack) indicates that the costs to recycle the battery (or battery pack) at the end of its useful life have already been paid by **Black & Decker**. RBRC™ in cooperation with **Black & Decker** and other battery users, has established programs in the United States to facilitate the collection of spent Li-Ion batteries. Help protect our environment and conserve natural resources by returning the spent Li-Ion battery to an authorized **Black & Decker** service center or to your local retailer for recycling. You may also contact your local recycling center for information on where to drop off the spent battery. RBRC™ is a registered trademark of the *Rechargeable Battery Recycling Corporation.*

MAINTENANCE

⚠**WARNING:** To avoid serious injury, remove the battery from the tool before performing any maintenance.

1. Keep the air intake slots clean to avoid overheating.
2. Your trimmer line can dry out over time. To keep your line in top condition, store spare pre-wound spools or bulk line in a plastic, sealable bag with a tablespoon of water.
3. Plastic parts may be cleaned by using a mild soap and a damp rag.
4. The line cutter on the edge of the guard can dull over time. It is recommended you periodically touch-up the sharpness of the blade with a file.

TROUBLE SHOOTING GUIDE

PROBLEM	SOLUTION
Tool runs slowly.	• Remove battery from tool. • Check that the spool housing can rotate freely. Carefully clean it if necessary. • Check that the cutting line does not protrude more than approximately 4-13/16 inches (122mm) from the spool. If it does, cut it off so that it just reaches the line trimmingblade.
Automatic line feed does not feed more line.	• More line is fed when the line shortens to approximately 3 inches (76.2mm). To determine if the line is not feeding, let line wear past this point.

PROBLEM	SOLUTION
Automatic line feed does not feed more line.	• Keep the tabs depressed and remove the spool from the spool housing in the trimmer head. • Ensure that the line is not crisscrossed on the spool as detailed in **figure U**. If it is, unwind the cutting line, then wind it back on the spool neatly so that the lines do not cross. • Inspect tracks at the bottom of spool for damage. If damaged, replace spool. •Read the code on the back of spool. If it reads “PA66” call customer service for a replacement. If it reads “ABS” this is not the issue. • Pull the cutting line until it protrudes approximately 4-13/16 inches (122mm) from the spool. If insufficient cutting line is left on the spool, install a new spool of cutting line. • Align the tabs on the spool cap with the cut outs in the housing. • Push the spool cap onto the housing until it snaps securely into place. • If the cutting line protrudes beyond the trimming blade, cut it off so that it just reaches the blade. If the automatic line feed still does not work or the spool is jammed, try the following suggestions: • Carefully clean the spool and housing. • Remove the spool and check if the lever in the spool housing can move freely.

TROUBLE SHOOTING CONTINUED

PROBLEM	SOLUTION
	• Remove the spool and unwind the cutting line, then wind it on neatly again. Replace the spool into the housing.
Overfeeding	• Ensure you are cutting with the tip of the line (7 inches (177.8mm) from the spool). Use the edge guide if needed to ensure proper space is maintained. • Ensure you are not exceeding a 10° angle as shown in **figure N1**.
Line unravels when cap or spool is removed.	• Make sure to park the lines in holding slots (S2) **figure S** before removing.

IMPORTANT: To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by authorized service centers or other qualified service organizations, always using identical replacement parts.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This Class B digital apparatus complies with Canadian ICES-003.

SERVICE INFORMATION

All Black & Decker Service Centers are staffed with trained personnel to provide customers with efficient and reliable power tool service. Whether you need technical advice, repair, or genuine

factory replacement parts, contact the Black & Decker location nearest you. To find your local service location, refer to the yellow page directory under "Tools—Electric" or call: **1-800-544-6986 or visit www.blackanddecker.com**

FULL THREE-YEAR HOME USE WARRANTY

Black & Decker (U.S.) Inc. warrants this product for three years against any defects in material or workmanship. The defective product will be replaced or repaired at no charge in either of two ways:

The first, which will result in exchanges only, is to return the product to the retailer from whom it was purchased (provided that the store is a participating retailer). Returns should be made within the time period of the retailer's policy for exchanges (usually 30 to 90 days after the sale). Proof of purchase may be required. Please check with the retailer for their specific return policy regarding returns that are beyond the time set for exchanges.

The second option is to take or send the product (prepaid) to a Black & Decker owned or authorized Service Center for repair or replacement at our option. Proof of purchase may be required. Black & Decker owned and authorized service centers are listed under "Tools–Electric" in the yellow pages of the phone directory.

This warranty does not apply to accessories. This warranty gives you specific legal rights and you may have other rights which vary from state to state. Should you have any questions, contact the manager of your nearest Black & Decker Service Center. This product is not intended for commercial use.

LATIN AMERICA: This warranty does not apply to products sold in Latin America. For products sold in Latin America, check country specific warranty information contained in the packaging, call the local company or see the website for warranty information.

FREE WARNING LABEL REPLACEMENT: If your warning labels become illegible or are missing, call **1-800-544-6986** for a free replacement.

Imported by
Black & Decker (U.S.) Inc.,
701 E. Joppa Rd.
Towson, MD 21286 U.S.A.

See 'Tools-Electric' – Yellow Pages – for Service & Sales